Index of Claims

| Application No. | Applicant(s)     |   |
|-----------------|------------------|---|
| 10/679,503      | OKUDA, YOSHIYUKI |   |
| Examiner        | Art Unit         | _ |
| Wilson Lee      | 2821             |   |

| <b>√</b> | Rejected |  |
|----------|----------|--|
| =        | Allowed  |  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |  |
|---|--------------|--|
| 1 | Interference |  |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla  | aim      |  |          |   |          | Date   | e  |                |                  |           |           | Cla             | im       |                       |                    | D                 | ate   |              |                 |            | · - [ | Cla   | aim        |          |               |   | D         | ate      | ·        |          |           |          |
|--|----------|--|----------|---|----------|--|--|----------------|------------------|-----------|-----------|-----------------|----------|-----------------------|--------------------|-------------------|---|--------------|-----------------|------------|-------|-------|------------|----------|---------------|---|-----------|----------|----------|----------|-----------|----------|
| _  | <u>a</u> | 4  |          |   |          |  |  |                |                  |           | F.        |                 | ਗ        |                       |                    |                   |   |              |                 |            |       | _     | al         |          |               |   |           |          |          |          |           |          |
| Final  | Original | 9/30/04  |          |   |          |  |  |                |                  |           | ijĔ,      | Final           | Original |                       |                    |                   |   |              |                 | - 13       | an/"i | Final | Original   |          |               |   |           | - 1      |          |          |           |          |
| ╙  | ō        | 8  |          |   |          |  |  |                | l                |           | 11.       | "               | Ö        |                       |                    |                   |   |              | lł              |            |       | ш     | Ō          |          |               |   |           |          | ı        |          |           | ı        |
| 1  | 1        | =  | $\vdash$ | _ | ├        | ┢  | $\vdash$   | -              | $\vdash$         |           | 1. 1      | $\vdash$        | 51       |                       | +                  | $\vdash$          | +   |              | $\vdash \vdash$ | -46        | d).   |       | 101        |          |               | +   | +         | $\dashv$ |          | $\dashv$ | $\dashv$  | -        |
| 2  | 2        | =  | $\vdash$ |   | H        | ╁  | -  |                | Н                | _         | 1 :       | -               | 52       | $\vdash$              | +-                 | -                 | +   | +-           | $\vdash \vdash$ |            |       |       | 102        |          | +             | +   |           | $\dashv$ | -+       | ┰        | $\dashv$  | $\dashv$ |
| 3  | 3        | =  |          |   | $\vdash$ | ┪  |  |                | Н                | -         | 1         |                 | 53       |                       | +                  | H                 | +   | +            |                 | 1          |       |       | 103        | -        | $\dashv$      | +   | $\dashv$  | ┪        | +        | +        | $\dashv$  | ᅱ        |
| 4  | 4        | =  | П        | _ |          |  |  |                | T                |           | 1         |                 | 54       |                       | $\dagger$          | H                 | +   | 1            |                 | $\dashv$   |       |       | 104        | П        | $\neg$        | $\pm$   | $\top$    | ヿ        | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ |
| 5  | 5        | =  |          |   |          |  |  |                |                  |           |           |                 | 55       |                       | $\top$             |                   |   |              |                 | 7          | 1     |       | 105        |          |               | $\top$  |           | $\neg$   |          | $\neg$   | ヿ         | $\neg$   |
| 6  | 6        | =  |          |   |          |  |  |                |                  |           | 175       |                 | 56       |                       |                    |                   |   |              |                 |            |       |       | 106        |          |               |   |           |          |          |          | $\Box$    |          |
| 7  | 7        | =  |          |   |          | L  |  |                | Ш                |           |           |                 | 57       |                       | $oldsymbol{\perp}$ | Ш                 |   |              | L               |            | :     |       | 107        |          | $\perp$       |   |           |          |          | $\Box$   | $\Box$    | $\Box$   |
| 8  | 8        | ╘  | $\vdash$ |   | _        | _  |  | <u> </u>       | <u> </u>         |           | Jogis.    |                 | 58       | $\sqcup$              | ╄                  |                   | 4   | _            |                 | 4.         |       |       | 108        | Ц        | _             | $\downarrow$  | 4         | 4        | _        | 4        | $\dashv$  | _        |
| 9  | 9        | =  | $\vdash$ |   | _        | ┡  | $\vdash$   | <u> </u>       | H                |           |           |                 | 59       | $\vdash$              | ┼                  |                   | _   | -            | $\vdash$        | 4          |       |       | 109        | Н        | $\dashv$      | 4   | +         | 4        | _        | 4        | $\dashv$  | _        |
| 11   | 11       | =  | $\vdash$ | _ | $\vdash$ | ⊢  | ⊢  | $\vdash$       | $\vdash$         | _         |           |                 | 60<br>61 |                       | <del> </del>       | H                 | -   | +            | ⊢⊹              | 4          | ŝ     |       | 110<br>111 | $\vdash$ |               | +   | +         | +        | -        | -+       | $\dashv$  | $\dashv$ |
| 12   | 12       | ╘  |          |   | -        | ┢  | ┢  | <u> </u>       | $\vdash$         |           |           |                 | 62       | $\vdash$              | +                  | $\vdash$          | +   | +            |                 | -  5       |       |       | 112        | Н        | $\dashv$      | +   | +         | -+       | $\dashv$ | $\dashv$ | +         | $\dashv$ |
| 13   | 13       | =  | $\vdash$ |   | $\vdash$ | <del>                                     </del> | $\vdash$   |                | H                | -         | 454       | $\vdash \vdash$ | 63       | - -                   | +                  | $\vdash$          | +   | +            | $\vdash$        | $\dashv$   |       |       | 113        | $\vdash$ | +             | +   | +         | $\dashv$ | +        | +        | $\dashv$  | $\dashv$ |
| 14   | 14       | =  | Н        | _ |          | H  | <del>                                     </del> | $\vdash$       | Н                |           | 33        |                 | 64       | $\vdash \vdash$       | +                  | $\vdash$          | +   | +-           | 1               | -          | 1     |       | 114        | H        | +             | $^{+}$  | +         | $\dashv$ |          | $\dashv$ | $\dashv$  | $\dashv$ |
| 15   | 15       | =  | $\Box$   |   |          |  |  |                | М                |           |           |                 | 65       |                       | T                  |                   | $\dashv$  | 1            | $\vdash$        | $\dashv$   |       |       | 115        |          | 十             | $\top$  | +         | 7        | 7        | $\dashv$ | 十         | ᅱ        |
| 16   | 16       | =  | П        |   |          |  |  |                |                  |           |           |                 | 66       |                       |                    |                   |   | 1            |                 | ٦.         | 1     |       | 116        |          | _             | 十   | $\top$    | T        |          | 寸        | $\exists$ | 7        |
| 17   | 17       | =  |          |   |          |  |  |                |                  |           |           |                 | 67       |                       |                    |                   |   |              |                 | <u> </u>   |       |       | 117        |          |               |   |           |          |          | $\neg$   | $\exists$ | $\neg$   |
| 18   | 18       | =  | Ш        |   |          | <u> </u>   |  |                |                  |           | - C#      |                 | 68       |                       |                    |                   |   |              |                 | ╝,         |       |       | 118        |          |               |   |           |          |          | $\Box$   | $\Box$    |          |
| 19   | 19       | Ξ  | Ш        |   |          |  | L  |                | Ш                |           |           |                 | 69       | $\sqcup \!\!\! \perp$ | $\bot$             | Ш                 | $\perp$   |              |                 | _ ^        |       |       | 119        |          |               |   |           |          |          |          |           |          |
| 20   | 20       | =  | $\sqcup$ |   | _        | <u> </u>   | Щ  | _              | Ш                |           |           |                 | 70       | <b> _  </b> _         | <u> </u>           | Щ                 | 4   | $\bot$       | Ш.              | 4          |       |       | 120        |          | $\perp$       | $\bot$  | $\perp$   | 4        | _        | $\dashv$ | $\dashv$  | _        |
| 21<br>22   | 21       | =  | -        |   |          | <u> </u>   | Н  | L              | -                |           | -4        |                 | 71       | $\vdash$              | ┼                  | $\vdash$          | +   | —            | Ц.              | 4          | -     |       | 121        |          | $\rightarrow$ | +   | $\perp$   | $\dashv$ | 4        | _        | $\dashv$  |          |
| 23   | 22<br>23 | =  |          | _ | -        | -  | Н  |                | Н                |           |           |                 | 72<br>73 |                       | ┼                  | $\vdash$          | -   | +            | $\vdash$        | 4          |       |       | 122        | $\dashv$ | _             | +   |           | 4        | $\dashv$ | $\dashv$ | $\dashv$  |          |
| 24   | 24       | =  | -        |   |          |  | Н  | _              | Н                |           | 100       |                 | 74       |                       | ╁                  | $\vdash$          |   | +            | $\vdash$        | $\dashv$   | ŀ     |       | 123<br>124 |          |               | -   | +         | $\dashv$ | $\dashv$ | -+       | $\dashv$  | $\dashv$ |
| 25   | 25       | =  | $\vdash$ |   | Н        | $\vdash$   | $\vdash$   | $\vdash$       | Н                | _         |           |                 | 75       | $\vdash$              | ┼                  |                   | +   | +            | +-              | - "        | ı     |       | 125        |          | $\dashv$      | +   | +         | +        | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ |
| 26   | 26       | =  |          | _ |          |  |  | -              | Н                |           | 1         |                 | 76       |                       | ╁                  | $\vdash$          | +   | +            | $\vdash$        | $\dashv$   | ř.    |       | 126        | $\neg$   | -+            | +   | +         | $\pm$    | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ |
|  | 27       |  | Ħ        |   | П        | $\vdash$   |  |                |                  |           | 4         |                 | 77       |                       | 1                  |                   | _   | 1            |                 | 1          | :     |       | 127        |          | $\dashv$      | +   | $\dashv$  | $\dashv$ | $\dashv$ | 十        | 十         | ╗        |
|  | 28       |  | П        |   |          | _  |  |                |                  |           |           |                 | 78       |                       | 1                  |                   | ╅   | +-           | T               | 7          |       |       | 128        |          | _             | +   | $\top$    | 7        | $\dashv$ | $\dashv$ | $\dashv$  | ┪        |
|  | 29       |  |          |   |          |  |  |                |                  |           | ]         |                 | 79       |                       |                    |                   |   |              |                 | ٦.         |       |       | 129        |          | 1             | T   | T         |          | $\neg$   | $\neg$   | $\exists$ | ヿ        |
|  | 30       |  |          |   |          |  |  |                |                  |           |           |                 | 80       |                       | L                  |                   | $\perp$   |              |                 |            |       |       | 130        |          |               |   |           |          |          | $\Box$   |           |          |
|  | 31       | L  |          |   | _        | _  | Щ  |                | Ш                |           |           |                 | 81       |                       |                    |                   | $\perp$   | <u> </u>     | L.              | _          |       |       | 131        |          |               | ┵   |           | $\perp$  | $\perp$  | _        | _[        |          |
| <u> </u>   | 32       | <u> </u>   | $\sqcup$ |   |          |  | Н  | Щ              |                  |           |           |                 | 82       |                       | $oldsymbol{\perp}$ | $\perp$           | $\perp$   | <u> </u>     |                 | 4          | 1     |       | 132        |          |               | $\perp$   | 4         | _        | 4        | $\dashv$ | 4         |          |
| $\vdash$   | 33<br>34 |  | H        | _ | Н        | -  | -  |                | -                |           |           |                 | 83       |                       | +                  | $\vdash$          | +   | -            | -               | 4          | 1     |       | 133        | _        |               | 4   | 1         |          | -        | $\dashv$ | 4         | _        |
| $\vdash$   | 35       | ┝  | $\vdash$ |   | Н        | $\vdash$   | $\vdash$   | $\dashv$       | $\vdash$         |           |           |                 | 84<br>85 | -                     | ╁                  | $\vdash$          | +   | +            | -               | 4.         |       |       | 134<br>135 |          | +             | +   | +         | +        | +        | +        | +         | $\dashv$ |
|  | 36       | ┢  | $\vdash$ |   | Н        | $\vdash$   | Н  | $\vdash\vdash$ | $\vdash$         |           |           |                 | 86       | -                     | +                  | $\vdash$          | +   | +            | +               | - ;        | ŀ     |       | 136        | -        | +             | +   | +         | +        | $\dashv$ | +        | +         | $\dashv$ |
| $\vdash \vdash \vdash$                           | 37       | -  | H        |   | Н        |  | $\vdash$   | $\vdash$       | $\vdash$         |           |           |                 | 87       |                       |                    | $\dashv$          | +   | +            | $\vdash +$      | $\dashv$   | ŀ     |       | 137        |          | +             | +   | ┰         | +        | $\dashv$ | +        | +         | ᅱ        |
|  | 38       | <del>                                     </del> | $\vdash$ |   | $\vdash$ | Н  | Н  |                | Н                |           |           |                 | 88       | $\vdash$              |                    | $\vdash$          | +   | +            |                 | $\dashv$   | 1     |       | 138        | -        | $\dashv$      | +   | +         | +        | $\dashv$ | +        | $\dashv$  | $\dashv$ |
|  | 39       | Г  | $\vdash$ |   | $\vdash$ | $\Box$   | М  |                | H                |           | S. 13     |                 | 89       |                       | T                  | $\vdash \uparrow$ | $\dashv$  | $\top$       |                 | 7          | ŀ     |       | 139        |          | $\dashv$      | $\dagger$   | $\top$    | $\dashv$ | $\dashv$ | 十        | $\dashv$  | $\dashv$ |
|  | 40       |  |          |   |          |  |  |                |                  |           | 1         |                 | 90       | -                     | T                  |                   | $\top$  |              |                 | 7          | ŀ     |       | 140        | $\neg$   | _             | $\top$  | $\dagger$ | $\dashv$ | 十        | 十        | $\forall$ | $\dashv$ |
|  | 41       |  |          |   |          |  |  |                |                  |           | "<br>اير، |                 | 91       |                       |                    |                   |   |              |                 |            | , în  |       | 141        |          |               | _   | T         | _        | ╛        | 丁        | $\top$    | $\neg$   |
|  | 42       | Ĺ  | П        |   |          |  |  |                |                  |           | 1         |                 | 92       |                       | $\Box$             |                   | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |              |                 |            |       |       | 142        |          |               | $oldsymbol{ol}}}}}}}}}}}}}}}$ |           | $\Box$   |          | $\Box$   | I         |          |
|  | 43       | <u> </u>   |          |   | Ш        |  | Щ  | _              | Ш                |           | - 1       |                 | 93       |                       |                    |                   | Ļ   | $oxed{\Box}$ |                 | <u>`</u> ا |       | ]     | 143        |          | $\perp$       | $\perp$   | $\perp$   | I        | $\Box$   | $\bot$   | $\Box$    | $\Box$   |
|  | 44       | <u> </u>   | $\vdash$ |   |          | Щ  | $\vdash \vdash$                                  | _              | ${oxed{\sqcup}}$ | _         |           |                 | 94       |                       | $\perp$            | 4                 | 4   | $\bot$       |                 | 4          | :     |       | 144        | _        | $\bot$        | 4   | 4         | 4        | 4        | 4        | 4         | _        |
| <del></del>                                      | 45<br>46 | $\vdash$   | $\vdash$ |   |          |  | $\vdash$   | $\dashv$       | $\vdash \vdash$  | _         | ì i       |                 | 95<br>96 | $\vdash$              | +-                 | $\dashv$          | +   | +            | $ \vdash$       | ۱,         |       |       | 145        | _        | $\dashv$      | 4   | +         | 4        | _        | $\dashv$ | $\dashv$  |          |
| <del>                                     </del> | 47       | $\vdash$   | $\dashv$ | - | $\vdash$ |  | $\vdash$   |                | $\vdash \vdash$  | -         | 1 4       |                 | 96       |                       | $\vdash$           | +                 | +   | +            | $\vdash$        | 4          | .     |       | 146<br>147 |          | +             | +   | +         | +        | $\dashv$ | +        | +         | $\dashv$ |
| $\vdash$   | 48       | $\vdash$   | $\vdash$ | - | -        | $\vdash$   | $\vdash \dashv$                                  | $\dashv$       | $\vdash$         | $\dashv$  |           |                 | 98       | -                     | $\vdash$           | +                 | +   | +-           |                 | ١,         |       |       | 147        |          | +             | ┿   | +         | +        | +        | $\dashv$ | +         | ᅱ        |
|  | 49       | $\vdash$   | $\vdash$ |   | -        | $\vdash$   | $\vdash \vdash$                                  | $\dashv$       | H                | $\exists$ |           | $\dashv$        | 99       | +                     | $\vdash$           | $\dashv$          | +   | +            | <del> -</del>   | ۲,         | }     |       | 149        |          | +             | +   | +         | +        | +        | +        | +         | $\dashv$ |
|  | 50       | Т  |          | T |          | $\Box$   | $\Box$   | $\dashv$       | П                |           | •         |                 | 100      | $\neg \vdash$         | T                  | $\dashv$          | +   | +-1          | $\dashv$        | ٦          | t     |       | 150        | -        | +             | +   | +         | +        | $\dashv$ | +        | $\dashv$  | $\dashv$ |
|  |          |  | _        |   |          |  |  |                | $\vdash$         |           |           |                 |          |                       | 1                  |                   |   | 1            |                 | _1         | - L   |       |            |          |               | _ I   |           |          | 1_       |          | 1         | _ !      |